

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER
CHIR-0334TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (if known see 37 CFR 1.5)
09/674,546INTERNATIONAL APPLICATION NO.
PCT/US99/09346INTERNATIONAL FILING DATE
30 April 1999 (30.04.1999)PRIORITY DATE CLAIMED
01 May 1998 (01.05.1998)

TITLE OF INVENTION NEISSERIA MENINGITIDIS ANTIGENS AND COMPOSITION

APPLICANT(S) FOR DO/EO/US Claire FRASER, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☒ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - Sequence Listing in 3 compact disks (copy 1 being the paper copy and copies 2 & 3 being the computer readable form).
 - Statement to Support Filing and Submission.

EV321472777US

EXPRESS MAIL Mailing Label No. EV 321472777 US
Date of Deposit: 13 May 2003

U.S. APPLICATION NO. (if known 37 CFR 1.5) 09/674,546	INTERNATIONAL APPLICATION NO. PCT/US99/09346	ATTORNEY DOCKET NUMBER CHIR-0334
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17. <input type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,060.00 International preliminary examination fee (37 CFR 1.482 not paid to USPTO but International Search Report has been prepared by the EPO or JPO \$900.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$750.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$720.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	CALCULATIONS PTO USE ONLY																				
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:20%;">Number Extra</th> <th style="width:20%;">Rate</th> <th style="width:20%;"></th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td>X \$18.00</td> <td>\$</td> </tr> <tr> <td>Independent Claims</td> <td>- 3 =</td> <td></td> <td>x \$84.00</td> <td>\$</td> </tr> <tr> <td colspan="3">Multiple dependent claims(s) (if applicable)</td> <td>+ \$280.00</td> <td>\$</td> </tr> </table>	Claims	Number Filed	Number Extra	Rate		Total claims	- 20 =		X \$18.00	\$	Independent Claims	- 3 =		x \$84.00	\$	Multiple dependent claims(s) (if applicable)			+ \$280.00	\$	\$
Claims	Number Filed	Number Extra	Rate																		
Total claims	- 20 =		X \$18.00	\$																	
Independent Claims	- 3 =		x \$84.00	\$																	
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$																	
<div style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</div>	\$																				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$																				
<div style="text-align: right;">SUBTOTAL =</div>	\$																				
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	\$																				
<div style="text-align: right;">TOTAL NATIONAL FEE =</div>	\$																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +	\$																				
<div style="text-align: right;">TOTAL FEES ENCLOSED =</div>	\$																				
<div style="text-align: right;">Amount to be:</div>	\$																				
<div style="text-align: right;">refunded</div>	\$																				
<div style="text-align: right;">charged</div>	\$																				

a. ☐ A check in the amount of \$ to cover the above fee is enclosed.

b. ☐ Please charge my Deposit Account No. 23-3050 in the amount of \$ to cover the above fees. A duplicate copy of
 this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment
 to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Dianne B. Elderkin
 Woodcock Washburn LLP
 One Liberty Place - 46th Floor
 Philadelphia, PA 19103
 (215) 568-3100

Jane E. Ingles
 SIGNATURE

Jane E. Ingles
 NAME

48,444
 REGISTRATION NUMBER